



Black & Decker

18

OWNER'S MANUAL

No 5740



Electric Lawn Mowers

Black & Decker

LAWN MOWERS MEET OR EXCEED ALL REQUIREMENTS OF CANADIAN STANDARD SAFETY SPECIFICATIONS.

The **double insulation** of your mower's motor gives you **maximum safety**. This containment of the electrical parts consists of two separate insulating systems that make it unnecessary to "ground" the mower's cord.

We have made this unit one of the **safest rotary mowers on the market**. You can contribute to our quest for safety by practicing the **mowing precautions** listed below when using your mower.

MOWING PRECAUTIONS

1. Mow grass only when there is good light and never in the rain or when grass is wet.
2. Start mower only when you are ready to start mowing. Keep clear of discharge opening, and make sure lawn is free of wire, toys, bones, etc.
3. Give complete and undivided attention to what you are doing.
4. Wear solid shoes when mowing, not open sandals or barefoot.
5. Always push the mower, don't pull it towards you. Steer mower by hand pressure on the handle, not by pushing it with a foot.
6. Mow across a slope, not up or down. Make sure you have solid footing.
7. Keep children and pets out of area being mowed. If a neighbour approaches to talk, turn mower off. Don't allow young children to operate the mower. Older children should be supervised.
8. **Always disconnect the electric plug from the extension cable** before leaving it even for a minute, and when cleaning, lubricating, or making adjustments.
9. Make sure that the switch is in the **off** position before plugging the cord into an electrical outlet.
10. Use an extension cable of adequate size to prevent loss of power and the motor's overheating. Use the table below as a guide. Even though the 2-prong plug of the mower will be used with a 3-wire cord, the 3-wire cord can be used and is required for outdoor use and on 3-wire electric tools that are not double insulated.

Extension Cable Length in Feet		
Up to 100'	100' to 200'	200' to 300'
Required wire size (A.W.G.) in cable		
16 ga.	14 ga.	12 ga.

A Black & Decker 93305 Cord Connector, is perfect for holding the extension cord firmly connected to the mower's electric plug.

MOWING PROCEDURE

Efficient use of your mower requires following a very simple pattern when moving the mower about the lawn. You might like to try it a few times with the electric cable disconnected at the electric outlet just until you get the swing of it. Here's the way it goes:

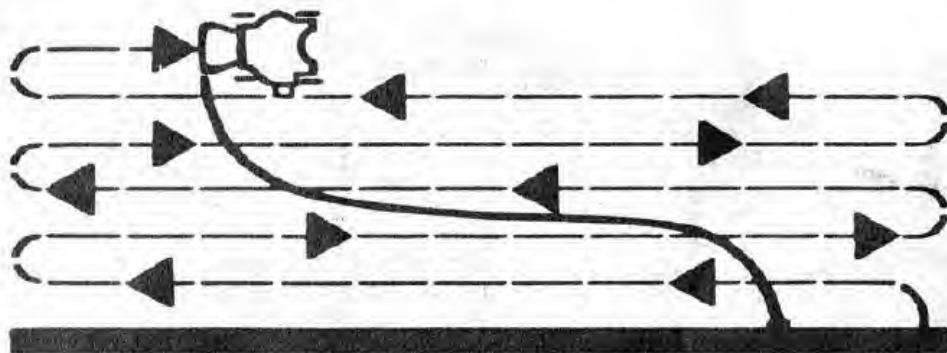
1. Plan to begin mowing at a point nearest the electrical outlet. Place all of the cable close to the outlet and out of the path of the mower.
2. Mow in a back and forth manner, mowing away from the electrical outlet so that the cord will always lie on the **cut** portion of the lawn. See sketch below.
3. When the edge of the lawn is reached—it is not necessary to turn the mower around, flip the handle to the other side and push the mower in the opposite direction. See sketch below.

4. Make sure that the discharge chute of the mower is always directed to the cut portion of the lawn and when flipping the handle from one side to the other, walk around the mower on the uncut grass thus avoiding stepping in front of the discharge chute or over the cord.
5. Always unplug the mower when leaving it unattended even for a short period of time.
6. When finished mowing, wipe the mower with a damp cloth—do not use Kerosene or gasoline. Clean out any clippings which may have accumulated on the underside of the deck. **Caution: Do not spray water on the mower in an attempt to clean it.**
7. Store the mower in a dry place.

Note: When mowing very high or very thick grass, use the full width of the mower and walk slower than usual. Dual-Blade mowers cut more efficiently when both blades (full cutting width) are used.

Fast growing grasses, such as are encountered in the spring, are normally more juicy and full of moisture. This condition causes grass to stick to the underside of all rotary mowers. This slows up the discharge of the grass and, in time, can cause the underside of the mower to load up to the point that the mower fails to function properly.

From time to time it is recommended that the mower be stopped—cord unplugged—mower turned over and the accumulated grass wiped out of the blade area. Care must be taken to avoid the sharp edges of the blades.



DRIVE BELT ADJUSTMENT

The drive belts have been tensioned properly at the factory and should not require adjustment during the first several seasons the mower is used.

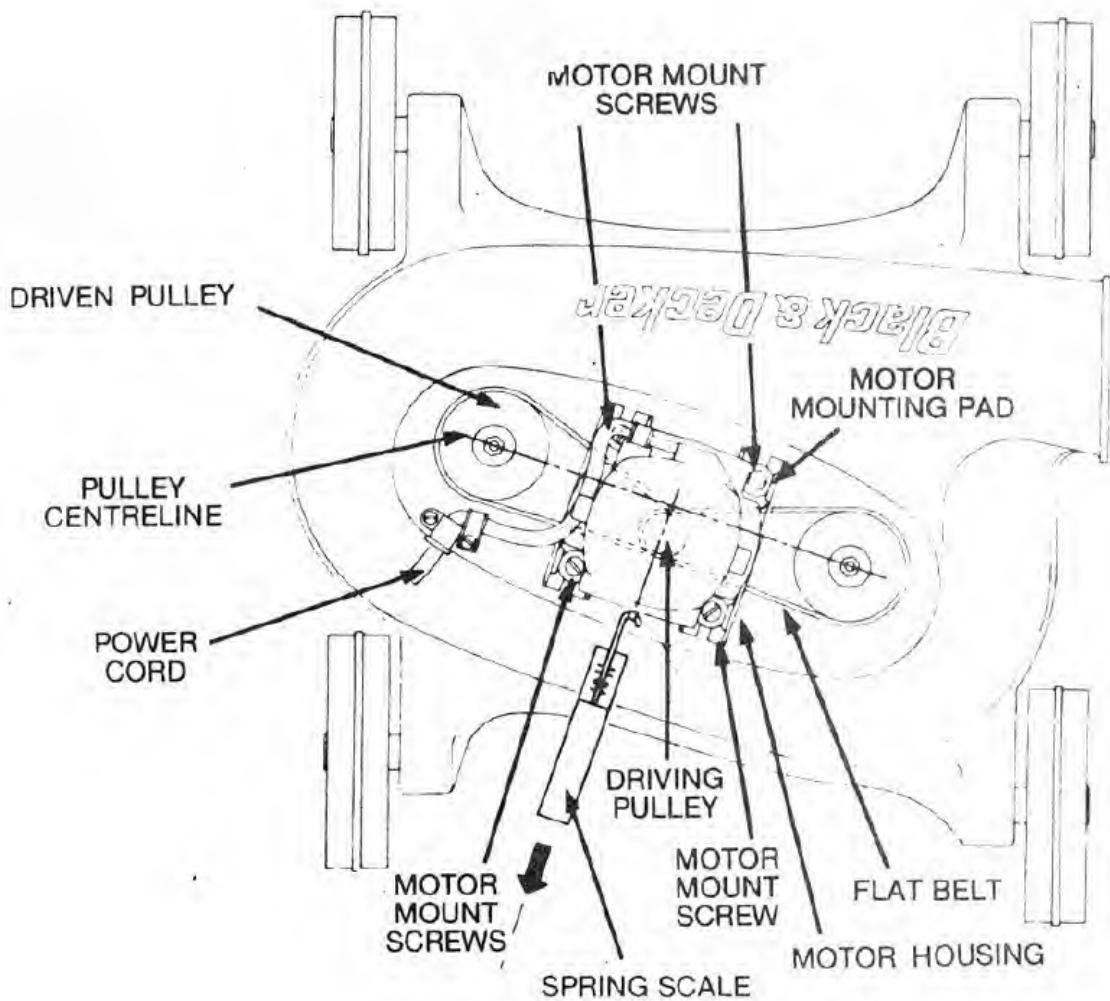
If the mower with a sharp blade no longer produces a clean cut with either one or both of the blades and the motor runs at higher than normal speeds in thick grass, the belts should be re-tensioned.

Note: Before attempting adjustment, be sure that the blades are sharp since dull blades are most often the cause of poor cutting.

It is very important that the procedure outlined below be followed very closely when re-tensioning the belts in order to obtain proper cutting performance and maximum life of the belts and other components.

1. **Disconnect the electric plug from the extension cable.**
2. Remove the motor cover by loosening the 4 mounting screws and sliding it up on the motor. Be careful not to force it. This might damage the air baffles or motor cable.
3. Loosen but do not remove the 4 motor mounting screws so that the motor is free to slide on the mounting pads.
4. Using B & D belt tensioner, (Available as accessory item No.U-3323) slide the rubber ring on the extension rod of the belt tensioner so that it lines up with the notch on the bracket nearest the spring, with the tensioner at rest.

5. Place the hook of the tensioner under the large centre rib at the lower motor air vent on the side away from the "Black & Decker" cast into the deck.
6. Pull on the tensioner in the direction shown, perpendicular to the centre line of the driven pulleys pull until the ring lines up with the third notch on the bracket.
7. While holding the tensioner so that the ring lines up with the appropriate mark, turn one of the driven pulleys through several revolutions by hand to seat the belts properly, then tighten 2 of the motor mounting screws. Release the pressure on the tensioner and tighten the other 2 mounting screws.
8. Check by feel for equal tension in the belts and re-tension them if they are not tensioned alike.
9. **Check to be sure that the power cord is clear of the belts and pulleys.** Replace the motor cover so that the printing on the label faces the same way as the "Black & Decker" cast into the deck and tighten the cover mounting screws. The belts can be tensioned by using a spring scale instead of the B & D tensioner. If a spring scale is used a force of 11-1/2 lbs. should be used while tensioning the belts on the No.5740, and No.5740-05 motor.



To install new belts, the above procedure should be followed with the exception that the steps listed below should be followed in place of step 3 above.

3A. Unscrew the 4 motor mountings screws so that the nuts will drop out from the bottom of the deck. **Caution:** Observe motor housing relation to deck. Motor must be remounted in the same direction.

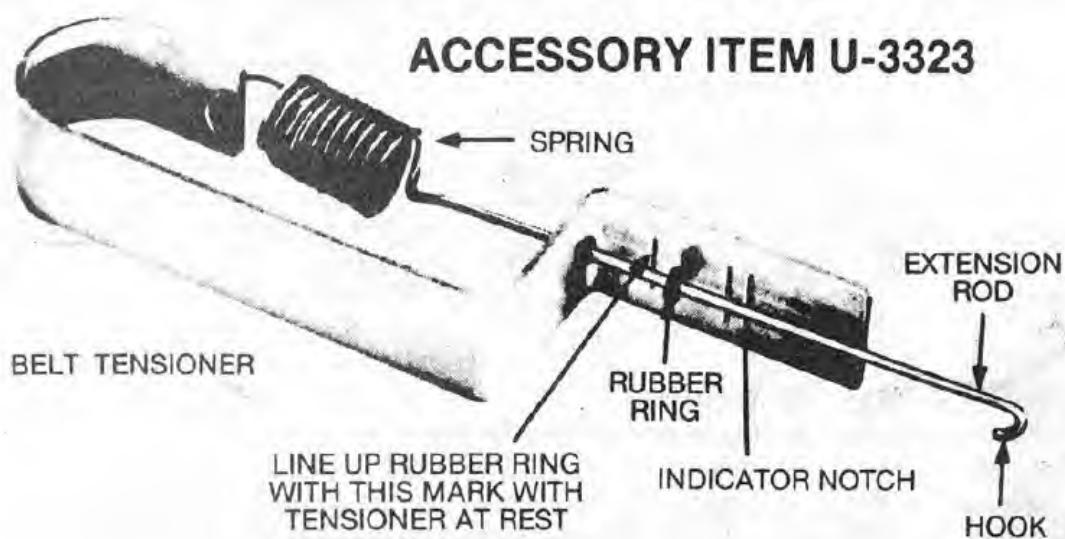
3B. Remove the old belts from the driven pulleys and lift the motor off the deck.

3C. Place the new belts, with printed side out, on the motor pulley and lower the motor onto the deck so that the projection on the motor housing where the power cord enters it is closest to the side of the deck where "Black & Decker" appears. Make sure that the upper belt on the motor pulley goes to the upper driven pulley, etc. Place the belts on the driven pulleys.

3D. Screw the motor mounting bolts into the hex nuts which are trapped in the slots on the underside of the deck but do not tighten. **Return to step 4 above.**

3E. Run for 20 minutes and re-tension belts by following steps 1 through 9.

ACCESSORY ITEM U-3323



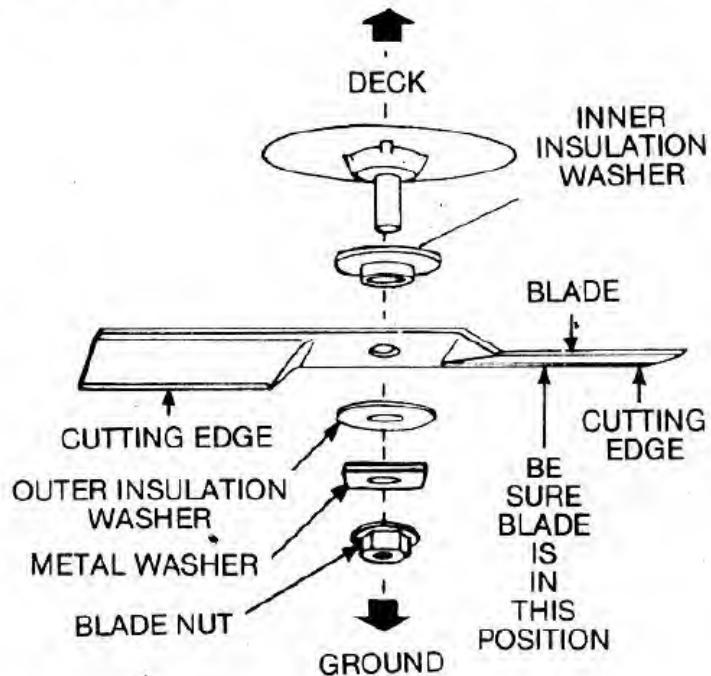
BLADE SHARPENING

Blades should be kept sharp at all times in order to obtain a smooth cut. Dull blades will tear the grass rather than cut it, giving the lawn a brownish appearance.

To sharpen the blades:

1. Disconnect the electric cord.
2. Place the mower on its side.
3. Position long screwdriver in either motor mounting cavity and hold it perpendicular to deck. Carefully turn blade until it rests against screwdriver. **Note: Use screwdriver long enough that hand clears blade.**
4. Using a 3/4" wrench or an adjustable crescent wrench, remove blade nuts. **Caution: When removing blade nuts, keep hands away from both blades.** Remove metal washers, outer blade mounting insulators and blades.
5. Blades can be sharpened on a bench grinder or sharpening stone. Note that sharpened areas are on bottom of blade. Make sure that the original cutting angle is maintained and sharpen each cutting edges an equal amount. Bent or damaged blades should be replaced with No.80-000 9" blades.

6. When replacing the sharpened blade on the shoulder of the inner insulating washer, make sure that the cutting edges of the blade are closest to the ground. Place the outer insulating washer over the shoulder of the inner washer, sandwiching the blade in between. Place the metal washer and the blade nut on the spindle and tighten the nut/ proceeding as in item 3 above.

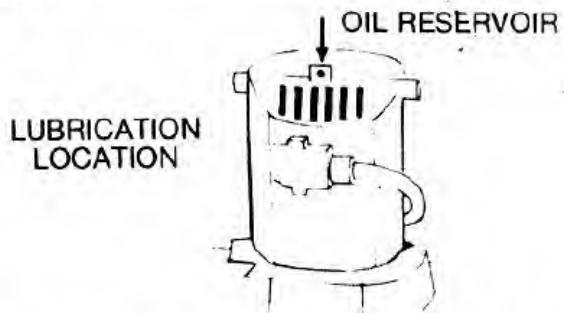


LUBRICATION OF MOWERS

Disconnect the electric plug from the extension cord.

The upper motor bearing only should be lubricated at the end of each season.

1. Remove the motor cover by loosening the 4 mounting screws and sliding it up on the motor housing. Be careful not to force it. This might damage the air baffles or motor cable.
2. Tilt mower on its side so that oil hole in motor housing is angled upward and place 5 drops of machine oil in the reservoir.



3. Replace the motor cover so that the printing on the label faces the same way as the "Black & Decker" cast into the deck. Carefully slide it down over the motor and spindle bearings without forcing it.

The lower motor bearing has been lubricated at the factory for the life of the bearing. **Do not oil the wheels.** They have nylon bearings which require no lubrication.

Handle lubrication. At the beginning of the season and during the season as required, place several drops of machine oil at the point where the handle pivots on the mounting pits.

ACCESSORIES AND REPLACEMENTS PARTS

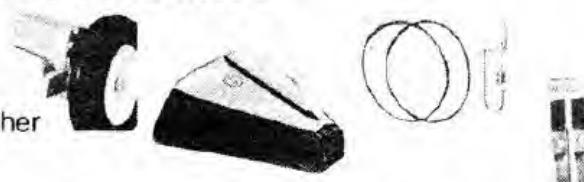
U-3312 Instant height adjustment kit

U-3323 Belt Tensioner

80-000 9" Replacement Blades

80-110 Replacement bag for grass catcher

80-310 Grass Catcher Attachment



93305 Extension cord connector. Holds extension cord firmly to cord of mower or holds 2 extension cords together.

EXTENSION CORDS

93327 50' 16 gauge, 3 wire extension cord

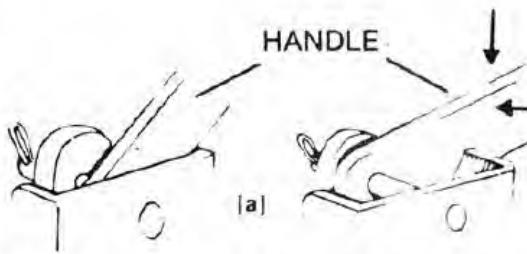
93328 100' 18 gauge, 3 wire extension cord

All extension cords feature tough vinyl insulation and are coloured orange for high visibility.

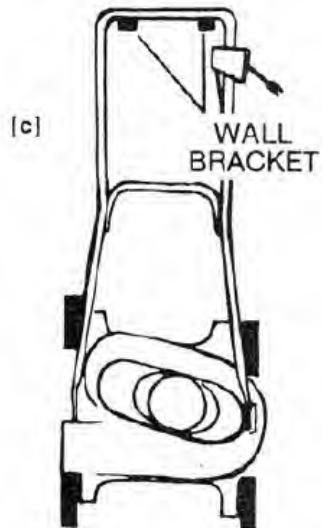
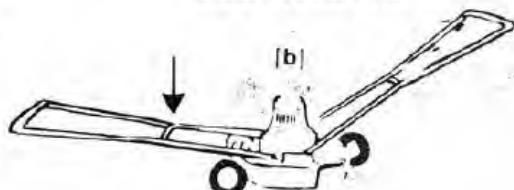
MOWER STORAGE

Your mower should always be stored in a dry place. The Mowers can be conveniently hung on the wall of your garage, carport or tool house. The unit takes up minimum amount of precious storage space and rests flat against wall. Here's the way it's done:

1. Squeeze the lower handle legs so that they clear the mounting pads on the mower deck, Fig. (a).
2. When the handle has cleared the mounting pads, lower it to a horizontal position Fig. (b) toward the side opposite the grass discharge opening.
3. Mount brackets (that you have bought or made) on the wall, spaced to fit under handle. Keep mower deck and handle parallel and hang on brackets, Fig. (c).
4. Mower also has double folding handle for compact storage, Fig. (d).



MOUNTING PAD



RAPID EXCHANGE CONSUMER SATISFACTION GUARANTEE

Black & Decker consumer power tools and Lawn-and-Garden power tools are guaranteed for one year from date of purchase. If one of these products fails to operate to your complete satisfaction, will be replaced free of charge when returned to the seller (if a participating retailer) or to a Black & Decker Service Centre.

In returning the tool for replacement, proof of purchase is required and all original standard equipment must also be returned (for example, chuck, chuck key, auxiliary handles, circular saw blades). Expendable original equipment such as sanding sheets, belts and jig saw blades need not be returned. For kits and assortments only the basic power tool will be replaced.

This Satisfaction Guarantee Rapid Exchange does not cover Professional or Heavy Duty tools, Consumer tools used in Commercial Service, Professional Stationary tools, Air tools; or tools used in rental service or accessories. On these products a one year guarantee on defects will apply, excluding accessories.

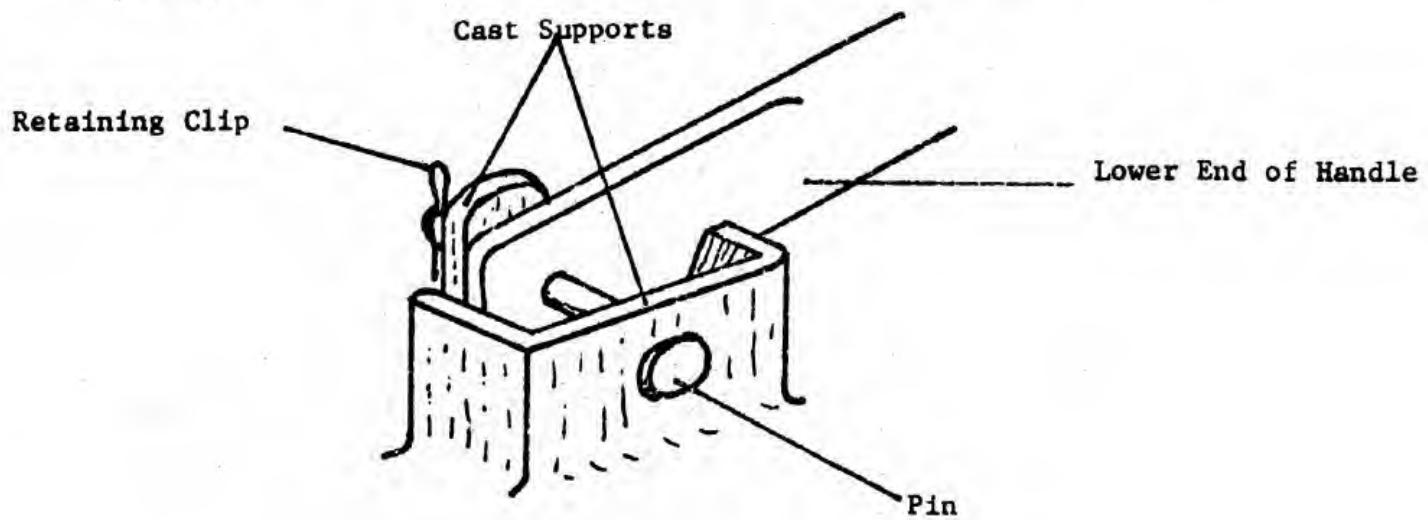
BLACK & DECKER SALES AND SERVICE CENTRES

HALIFAX, N.S.: 3695 Barrington St. Barrington Comm. Ctr. B3K 2Y3
QUEBEC, P.Q.: 1375 Charest Blvd. W., G1N 2E7
MONTREAL, QUE.: 7865 St. Lawrence Blvd., H2R 1X1
LONGUEUIL, QUE.: 1568 Chemin de Chamby, J4J 3X5
LAVAL, QUE.: 1930 St. Martin Blvd., H7S 1M9
DOLLARD DES ORMEAUX, QUE.: 3669 St. John's Rd., Blue Haven Shop. Ctr., H9G 1X2
OTTAWA, ONT.: 285 Richmond Rd., K1Z 6X3
BROCKVILLE, ONT.: 100 Central Avenue, K6V 4N8
SCARBOROUGH, ONT.: 729 Kennedy Rd., M1K 2C6
DOWNSVIEW, ONT.: 592 Champagne Drive, M3J 2T9
TORONTO, ONT.: 1180 The Queensway, M8Z 1R5
HAMILTON, ONT.: 180 Parkdale Avenue N., L8H 5X2
KITCHENER, ONT.: 671 Belmont Avenue W., N2M 1N8
LONDON, ONT.: 631 Commissioners Rd. E., N6C 2V1
SUDBURY, ONT.: 1496 Fairburn Avenue, P3A 1N7
WINNIPEG, ST. JAMES, MAN.: 934 St. James Street, R3H 0K3
REGINA, SASK.: 1076 Albert Street, S4R 2P8
SASKATOON, SASK.: No. 4-1622 Ontario Avenue, S7K 1S8
CALGARY, ALTA.: 1003, 11th Avenue S.W., T2P 0G2
EDMONTON, ALTA.: 11440 Avenue 142nd Street, T5M 1V1
VANCOUVER, B.C.: 24 West Second Avenue, V5Y 1B5
NEW WESTMINSTER, B.C.: 301 Columbia Avenue, V3L 1A7

Your Black & Decker lawnmower will operate better and last longer with an annual tune up. Contact your nearest service branch listed above.

Black & Decker MFG. CO. LTD. BROCKVILLE, ONTARIO, CANADA

To make the handle operational, remove the retaining clip and pin on the side opposite the grass chute (please see diagram below). Slip the handle end between the two cast supports and re-position the pin and retaining clip. Now both sides of the handle should be secured in a similar manner.

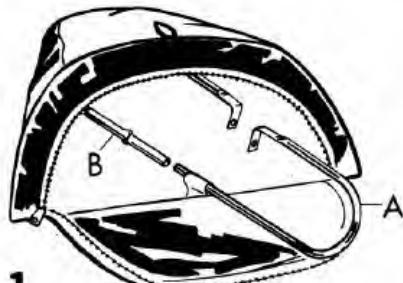


HANDLE ASSEMBLY (Ready for use)



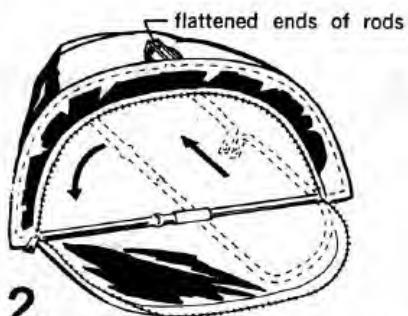
Black & Decker INSTRUCTIONS

No 80-310 GRASS CATCHER FOR DUAL BLADE LAWN MOWERS No 5740 & 5740-05 18"



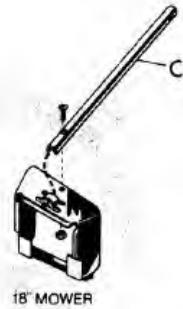
1.

Unzip back panel of bag. Slide the round end of rod "A" (the one without the sleeve) through the loop at the bottom of the bag and turn it to the position shown. Place rod "B" in the bag as shown, then slide the sleeved end over the round end of rod "A".



2.

Move rods into bag and then rotate them (see arrows) so that they support zippered end of bag. The flattened ends of the rods should project through the hole in the top of the bag.



3.

Slide handle tube "C" into top of chute and fasten with screw and nut.



4.

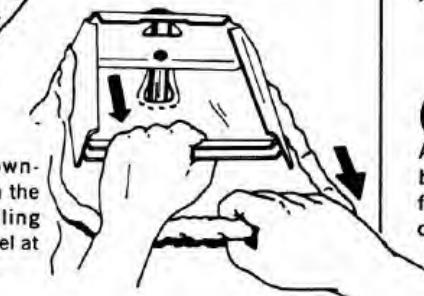
Slide round end of handle tube through hole in bag as shown. Insert flattened ends of rods into the handle tube. Line up the holes and attach the tube and rod ends with screw and nut shown.



5.

STEP A —
Stand bag on zippered end.
STEP B —
Pull garter over tube side of chute.
STEP C —

Exert slight downward pressure on the frame while pulling garter into channel at bottom of chute.



6.

Attach bag assembly to mower by sliding chute down over the flange around grass discharge opening of mower.



BE SURE BAG GARTER
FITS INTO CHANNEL HERE

WARNING: Fabric is subject to wear and deterioration under normal usage. Check bag frequently for wear. Replace when worn with Replacement Bag #80-110 available from your dealer or B & D service Centre.

Black & Decker MFG. CO. LTD. BROCKVILLE, ONTARIO